

Page 1 WELL CONSTRUCTION LOG **BOREHOLE NUMBER** MW-21 ENSR Corporation, Inc. LOCATION PROJECT NAME 10411 Old Placerville Road **Unocal No. 762248** 359 Main Street Suite 210 PROJECT NUMBER Rancho Cordova, Ca. 95827 06940-407-120 Fortuna, California 916-362-7100 DRILLING CONTRACTOR / DRILLER LOGGED BY www.ensr.com Woodward Drilling Co. / V. Lenoard W. Speth SAMPLING METHOD DRILLING EQUIPMENT / METHOD BIT SIZE / BIT TYPE START-FINISH DATE **B-81 / Hollow Stem Auger** 8.25-Inch / Auger Split Spoon 12/21/04 - 12/21/04 CASING MATL. / DIAMETER SCH 40 PVC/2-Inch TYPE **Machine Slot** MATL. **PVC**D SURFACE TOP OF WELL CASING DIA. 2-Inch SLOT SIZE 0.020 TOTAL LENGTH 10 GROUND SURFACE TOP & BOTTOM SCREEN GW SURFACE **ELEVATION OF:** DATE (FT.) NORTHING **EASTING** LATITUDE LONGITUDE DATUM 2108888.1 5960576.6 40.5989177 -1241649605 12-Inch Locking Well Cap Morrison Well OVM Depth Graphic Blow Depth Sample Visual Description Values ΙD (feet) Counts (feet) Log (ppm) -CONCRETE BARE SOIL SURFACE SILTY CLAY: yellowish-brown to reddish-brown, CEMENT GROUT low plasticity, moist, very stiff. (CL-ML) -BENTONITE SAND No. 5 2/12 5 10 12 24 25 MW-21-7 SILTY CLAY: reddish-brown with greenish gray mottling, weakly cemented, low plasticity, trace 3/8 to 3/4 inch diameter subangular gravel, moist, hard. (CL-ML) 10 10 12 **ENSR CA.GDT** 15 SILT: yellowish-brown to reddish-brown with 19 greenish-blue mottling, weakly cemented silt, low plasticity, trace 3/8 to 3/4 inch diameter MW-21-12 23 subrounded gravel, moist, hard. (ML) ·2 INCH SCH 40 PVC 0.020 MACHINE 762248.GPJ SLOTTED CASING SILTY SAND WITH GRAVEL: blueish-green, 15 <u>15</u> non-plastic, medium grained sand, fine grained 12 gravel subangular to subrounded, wet, very dense. (SM) 19 50-5' P00 MW-21-17 BORING 10 WELL CONSTRUCTION/ SOIL 10 SILTY CLAY: yellowish-brown to reddish-brown,trace fine grained sand, low plasticity, wet, very stiff. (CL-ML) Bottom of borehole at 20 feet. 18 20 MW-21-20 20 22 -FLUSH THREADED BOTTOM

2/14/05